BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI AND JRROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

em No:	7
Item Name:	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 32mm nominal OD pipes

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	3rd Main road upto Water tank LHS									
			24	2.10					50.40	
	3rd Main road upto Water tank LHS									
			27	2.10					56.70	
	2nd main Road RHS									
			25	2.10					52.50	
	6th cross from MES Road LHS									
			22	2.10					46.20	
	5th cross									
			22	2.10					46.20	
	5th "A" Cross									
			21	2.10					44.10	
	3rd Main road RHS									
			22	2.10					46.20	
	3rd Main road LHS									
			20	2.10					42.00	
	5th "B" Cross									
			20	2.10					42.00	
	5th "C" Cross LHS									
			23	2.10					48.30	
	5th "C" Cross RHS									
			18	2.10					37.80	
	2nd main Road RHS									
			19	2.10					39.90	
	2nd main Road RHS									
			22	2.10					46.20	

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SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	1st Cross Upto 5 C cross								
		23	2.10					48.30	
	2st Cross Upto 5 C cross LHS								
		25	2.10					52.50	
	3rd cross road								
		24	2.10					50.40	
	4th Cross								
		28	2.10					58.80	
	8th Cross sub Cross RHS								
		26	2.10					54.60	
	Cross B								
		27	2.10					56.70	
	CrossC								
		28	2.10					58.80	
	Cross D								
		28	2.10					58.80	
							Total Qty Work Done	1037.40	Mtr
							Qty Payable in this bill	1034.25	Mtr

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Asst Engineer
Ward no.16,BBMP
14/3/18

Asst Executive Engineer
Yashwanthapura Sub Division,BBMP
10/4/18

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 13

Item Name: Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) 0.00 to 50.00mtrs

SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Thata Nagar Slum point 1								
		1	50.00					50.00	14/3/18
	thata Nagar Slum point 2								
		1	50.00					50.00	15/3/18
	HMT Quarters near Hmt Suresh House								
		1	50.00					50.00	16/3/18
	Jalahalli Near jalahalli Police Station								
		1	50.00					50.00	1-4-18
							Total Qty Work Done	200.00	Rmt
							Qty Payable in this bill	200.00	Rmt

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Consultant Representative

Asst Engineer
Ward no.16,BBMP
7/3/18

Asst Executive Engineer
Yashwanthapura Sub Division, BBMP
16/6/18

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 15

Item Name: Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) 50.00 to 100.00mtrs

BLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Thata Nagar Slum point 1								
		1	50.00					50.00	
	thata Nagar Slum point 2								
		1	50.00					50.00	
	HMT Quarters near Hmt Suresh House								
		1	50.00					50.00	
	Jalahalli Near jalahalli Police Station								
		1	50.00					50.00	
							Total Qty Work Done	200.00	Rmt
							Qty Payable in this bill	200.00	Rmt

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Consultant Representative

Asst Engineer
Ward no.16,BBMP

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 16

Item Name: Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) 100.00 to 150.00mtrs

SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Thata Nagar Slum point 1								
		1	50.00					50.00	
	thata Nagar Slum point 2								
		1	50.00					50.00	
	HMT Quarters near Hmt Suresh House								
		1	50.00					50.00	
	Jalahalli Near jalahalli Police Station								
		1	50.00					50.00	
							Total Qty Work Done	**200.00**	**Rmt**
							Qty Payable in this bill	**200.00**	**Rmt**

Contractor Representative

Consultant Representative

Asst Engineer
Ward no.16,BBMP

Asst Executive Engineer
Yashwanthapura Sub Division,BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI AND URROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 17

Item Name: Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) 150.00 to 200.00mtrs

SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Thata Nagar Slum point 1								
		1	50.00					50.00	
	thata Nagar Slum point 2								
		1	50.00					50.00	
	HMT Quarters near Hmt Suresh House								
		1	50.00					50.00	
	Jalahalli Near jalahalli Police Station								
		1	50.00					50.00	
							Total Qty Work Done	**200.00**	**Rmt**
							Qty Payable in this bill	**200.00**	**Rmt**

Contractor Representative

Assistant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Asst Engineer
Ward no.16,BBMP
17/3/18

Asst Executive Engineer
Yashwanthapura Sub Division,BBMP
12/3/18

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI AND URROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No:	18
Item Name:	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) 200.00 to 250.00mtrs

SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Thata Nagar Slum point 1								
		1	50.00					50.00	
	thata Nagar Slum point 2								
		1	50.00					50.00	
	HMT Quarters near Hmt Suresh House								
		1	50.00					50.00	
	Jalahalli Near jalahalli Police Station								
		1	50.00					50.00	
							Total Qty Work Done	200.00	Rmt
							Qty Payable in this bill	200.00	Rmt

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Asst Engineer
Ward no.16,BBMP

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 19

Item Name: Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) 250.00 to 300.00mtrs

SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Thata Nagar Slum point 1								
		1	50.00					50.00	
	thata Nagar Slum point 2								
		1	50.00					50.00	
	HMT Quarters near Hmt Suresh House								
		1	50.00					50.00	
	Jalahalli Near jalahalli Police Station								
		1	50.00					50.00	
							Total Qty Work Done	200.00	Rmt
							Qty Payable in this bill	200.00	Rmt

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Asst Engineer 12/3/18
Ward no.16,BBMP

Asst Executive Engineer 12/6/18
Yashwanthapura Sub Division,BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No:	20
Item Name:	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) 300.00 to 366.00mtrs

SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Thata Nagar Slum point 1								
			1	65.00				65.00	14/3
	thata Nagar Slum point 2								
			1	67.00				67.00	15/3
	HMT Quarters near Hmt Suresh House								
			1	67.00				67.00	16/3
	Jalahalli Near jalahalli Police Station								
			1	68.00				68.00	17/3
								Total Qty Work Done	**267.00**	**Rmt**
								Qty Payable in this bill	**264.00**	**Rmt**

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Corporation Representative

Asst Engineer
Ward no.16,BBMP
14/6/18

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP
15/6/18

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No:	21
Item Name:	Supply of ISI mark 175 mm nominal bore,plain end steel casing pipe grade of steel fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, eletric resistence welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mts. Both ends threaded confirming to IS 554/1985, one end fixed with socket conforming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be with ISI marking, weighing 25.10Kg/mtr (inclusive of all taxes and duties). Prices including collar medium duty.(RDED SR 2012-13 P-iii, I-84)

SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Thata Nagar Slum point 1								
		1	25.00					25.00	
	thata Nagar Slum point 2								
		1	24.00					24.00	
	HMT Quarters near Hmt Suresh House								
		1	25.00					25.00	
	Jalahalli Near jalahalli Police Station								
		1	26.00					26.00	
							Total Qty Work Done	100.00	Rmt
							Qty Payable in this bill	100.00	Rmt

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Asst Engineer
Ward no.16,BBMP

Asst Executive Engineer
Yashwanthapura Sub Division,BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No:	22									
Item Name:	PVC Pipe 10kg/Sqm 250mm outer dia (PW,P &IWTD 16-17) P XXXIII Sl NO.3008									
SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Thata Nagar Slum point 1									
			1	12.00					12.00	
	thata Nagar Slum point 2									
			1	12.00					12.00	
	HMT Quarters near Hmt Suresh House									
			1	12.00					12.00	
	Jalahalli Near jalahalli Police Station									
			1	12.00					12.00	
								Total Qty Work Done	48.00	Each
								Qty Payable in this bill	48.00	Each

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Asst Engineer
Ward no.16,BBMP

Asst Executive Engineer
Yashwanthapura Sub Division,BBMP

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